

CHANGE ORDER
For Local Public Agency Projects

No.: 01

Non-Substantial: ☒

Substantial: ☐

Administering Office
Concurrence Date

Accounting ID No. (5-digit number): 36521

Project Number: TAP-U-4040(611)--8I-63

Contract Work Type: PCC Sidewalk/Trail

Local Public Agency: City of Knoxville

Contractor: Absolute Concrete Construction, Inc.

Date Prepared: August 18, 2020

You are hereby authorized to make the following changes to the contract documents.

A - Description of change to be made:

Line Item 0100 - Subtract 0.28 ACRES from "CLEARING AND GRUBBING" from 1 ACRE to 0.72 ACRE.

Line Item 0260 - Increase quantity for "SUBDRAIN, LONGITUDINAL (SHOULDER) 6IN DIA" from 100 LF to 245 LF

Add Line Item 8001 - Add "REMOVAL OF CONCRETE" as a measured CY item.

Add Line Item 8002 - Add second entry for "CLEARING AND GRUBBING" for 0.35 ACRE and a renegotiated unit price due to the inclusion of tree removal.

B - Reason for change:

Plan Revision 1 is being submitted along with this Change Order indicating all items below.

Line Item 0100 - The ERI for this line item indicated that trees over 3" diameter would be felled by others. In an area of 0.28 ACRE, this work was not completed by others.

Line Item 0260 - Subdrain is being added from STA 57+80.00 to STA 59+25.00 to manage water seepage from hillside.

Line Item 8001 - Concrete was found in creek channel in conflict with project. Contractor and City have estimated approximately 8 truck loads, or 80 CY. Work includes excavating, loading, hauling, and disposing of concrete from the channel. Item is to be paid as a measured quantity.

Line Item 8002 - The unit price for 0.28 ACRES of CLEARING AND GRUBBING is being re-negotiated due to the presence of trees over 3". An additional area of 0.07 ACRES also requires clearing and grubbing with trees over 3".

C - Settlement for cost(s) of change as follows with items addressed in Sections F and/or G:

Line Item 0100 - A decrease of \$5,600.00

Line Item 0260 - An increase of \$3,987.50

Line Item 8001 - Negotiated and agreed price is \$24.07/CY. An increase of \$1,925.60, to be measured.

Line Item 8002 - Negotiated and agreed price is \$23,117.14/ACRE. An increase of \$8,112.00.

D - Justification for cost(s) (See I.M. 3.805, Attachment D, Chapter 2.36, for acceptable justification):

Line Item 0100 - deduction using contract unit price

Line Item 0260 - using contract unit price

Line Item 8001 - Per BidX, there were only 7 bids for REMOVAL OF CONCRETE with CY quantity in the last 3 years. The unit price ranged from \$950/CY to \$17,500/CY. The average bid was \$6,007/CY and the median bid was \$2,000/CY. The total quantities were 5.6 CY and 7.5 CY. The proposed unit price is \$24.07/CY, which is reasonable for this project since this is for removal of concrete debris rather than a concrete structure or slab.

Line Item 8002 - Per BidX, there were 161 bids for CLEARING + GRUBBING quantities between 0.2 and 0.5 ACRES between August 11, 2019 and August 11, 2020. The unit price ranged from \$500 per acre to \$100,000 per acre. The average bid was \$15,214.58/ACRE and the median bid was \$10,000/ACRE. The proposed unit price of \$23,117.40 is acceptable for this project since it includes the original \$20,000 bid price plus the extra work required for tree removal over 3".

E - Contract time adjustment: ☐ No Working Days added ☒ Working Days added: 7 ☐ Unknown at this time

Justification for selection:

An additional 3 days is attributed to removing concrete and the slowed work effort while crews work around the concrete.

An additional 4 days is attributed to Snyder & Associates evaluating the area for potential bat habitat and for the actual time for clearing and grubbing the area.

F - Items included in contract:

Participating				For deductions enter as "-x.xx"		
Federal-aid	State-aid	Line Number	Item Description	Unit Price .xx	Quantity .xxx	Amount .xx
x		0100	2101-0850001 CLEARING AND GRUBBING	\$20,000.00	-0.280	-\$5,600.00
X		0260	2502-8212036 SUBDRAIN LONGITUDINAL, (SHOULDER) 6 IN. DIA.	\$27.50	145.000	\$3,987.50
				Add Row	Delete Row	TOTAL
						- \$1,612.50

G - Items not included in contract:

Participating					For deductions enter as "-x.xx"		
Federal-aid	State-aid	Change Number	Item Number	Item Description	Unit Price .xx	Quantity .xxx	Amount .xx
X		8001	2401-7207020	REMOVAL OF CONCRETE (CY)	\$24.07	80.000	\$1,925.60
X		8002	2101-0850001	CLEARING AND GRUBBING (ACRES)	\$23,177.14	0.350	\$8,112.00
				10,037.599			
				Add Row	Delete Row	TOTAL	\$10,037.60

Signatures will be applied through DocExpress.

Doc Express Document Signing History

Contract: 63-4040-611 Document: CO 01

This document is in the process of being signed by all required signatories using the Doc Express service. Following are the signatures that have occurred so far.

Date	Signed By
08/28/2020	Alonzo Barkley Absolute Concrete Construction Inc. Electronic Signature (Approved by Contractor (Optional))
08/31/2020	Mindy Moore Snyder & Associates, Inc Electronic Signature (Recommended by Engineer / Approved)
	(Approved by PIRC (when applicable))
	(Approved by Administering Office or designee)
	(Approved by FHWA (when applicable))